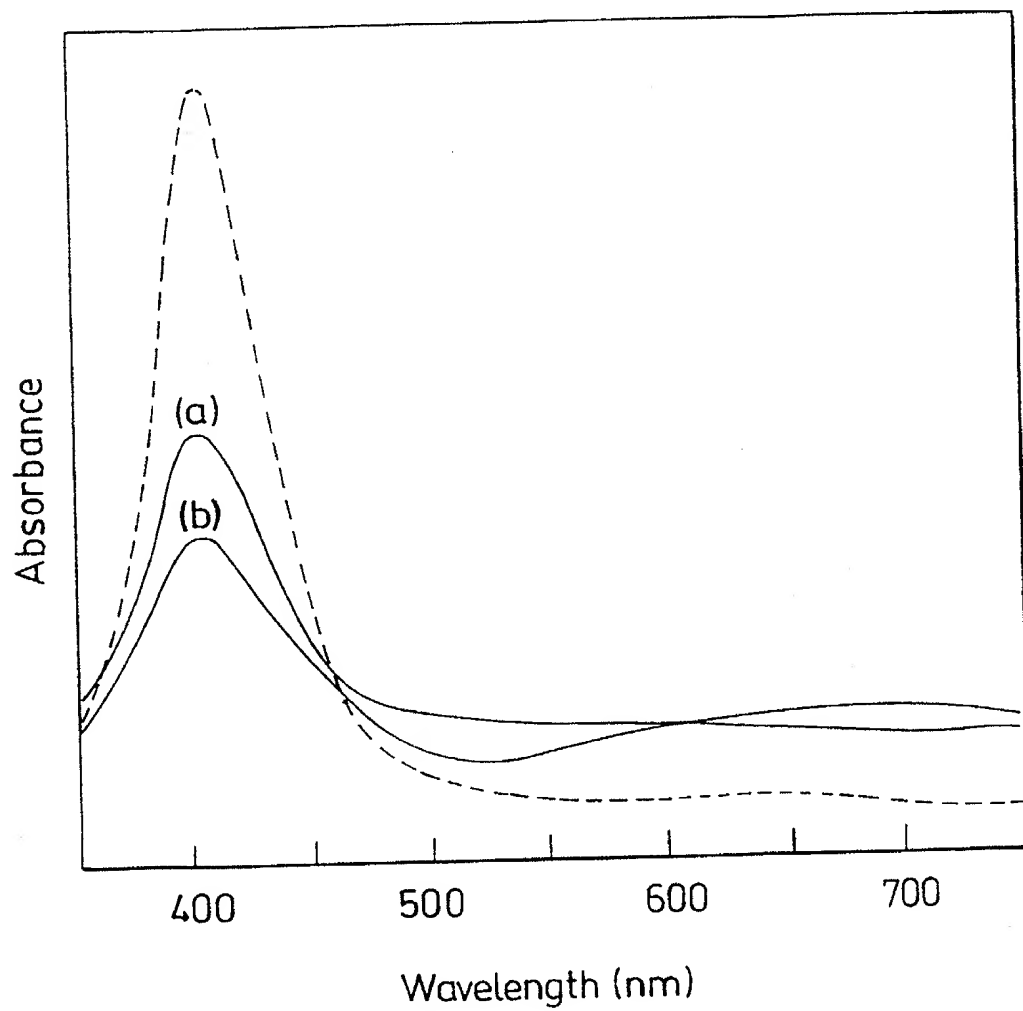
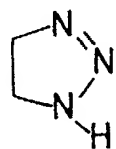


1/9

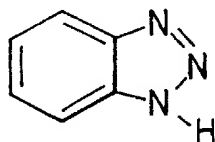
*Fig. 1*

2/9

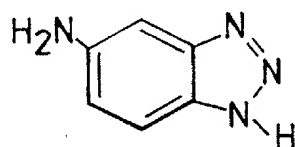
A1



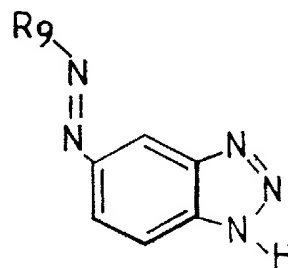
A2



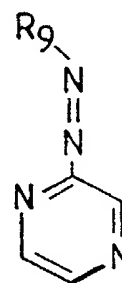
A3



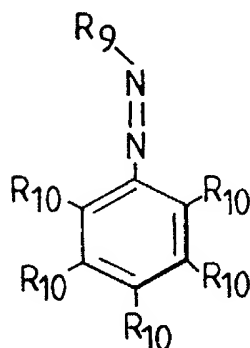
A4



A7



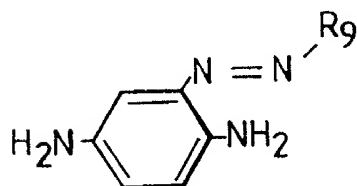
A8

Where  $R_{10} = (CH_2)_n - COOH$  $(CH_2)_n - PPh_2$  $(CH_2)_n - SH$  $(CH_2)_n - NH_2$  $(CH_2)_n - OH$ 

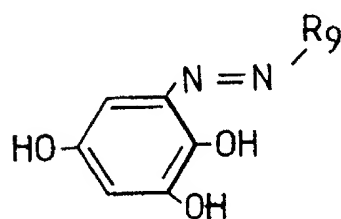
H

 $n = 0-4$ 

A9

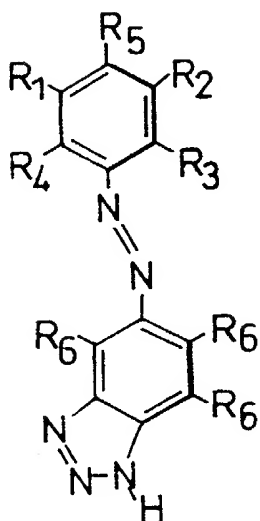


A10

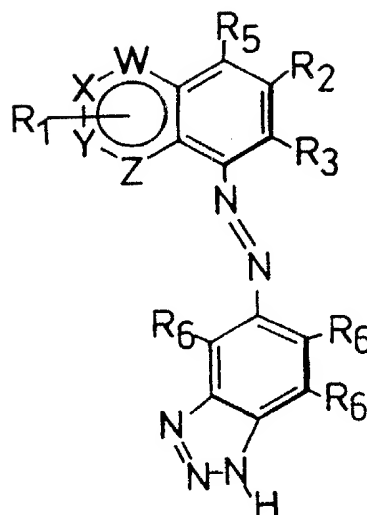
**Fig. 2**

3/9

A5

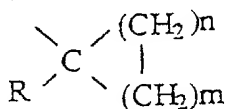


A6



Where  $R_1 - R_6 =$  -phenyl, naphthyl, pyridyl etc

- analyte

-  $\text{CH}=\text{CHR}$ -  $\text{C}=\text{NR}$ -  $\text{C}=\text{N}^+\text{R}$ -  $\text{C}(\text{H})\text{O}$ -  $\text{C}(\text{R})\text{O}$ -  $\text{C}(\text{NHR})\text{O}$ -  $\text{CH}_2\text{NHR}$ -  $\text{CH}_2\text{OR}$ -  $\text{CH}_2\text{halogen}$ -  $\text{N}_3$ -  $\text{NO}$ -  $\text{NO}_2$ -  $\text{NHCONHR}$ -  $\text{NHCSNHR}$ -  $\text{NHCOR}$ -  $\text{NHR}$ -  $\text{OH}$ -  $\text{OR}$ -  $\text{SiR}_3$ -  $\text{SH}$ -  $\text{SR}$ -  $\text{SSR}$ -  $\text{SeR}$ -  $\text{SnR}_3$ -  $\text{PbR}_3$ 

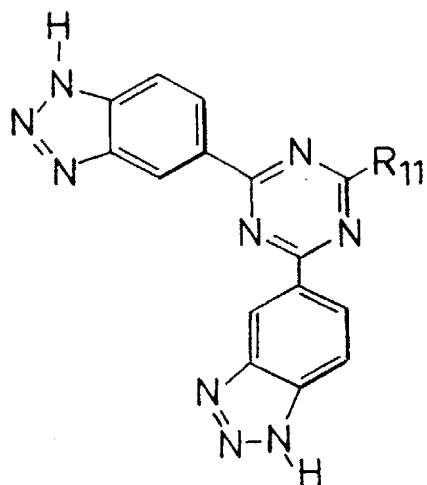
- where  $\text{R} = \text{H}$   
or any alkyl, aryl group

$\text{W, X, Y, Z} = \text{C, O, S or N}$   
 $n, m = \text{any integer} > 1$

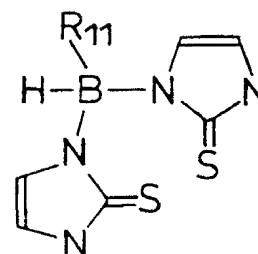
**Fig. 2(continued)**

4/9

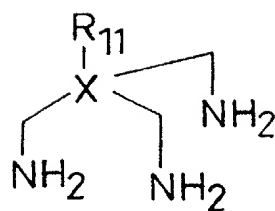
A11



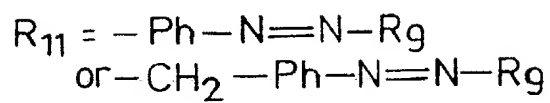
A12



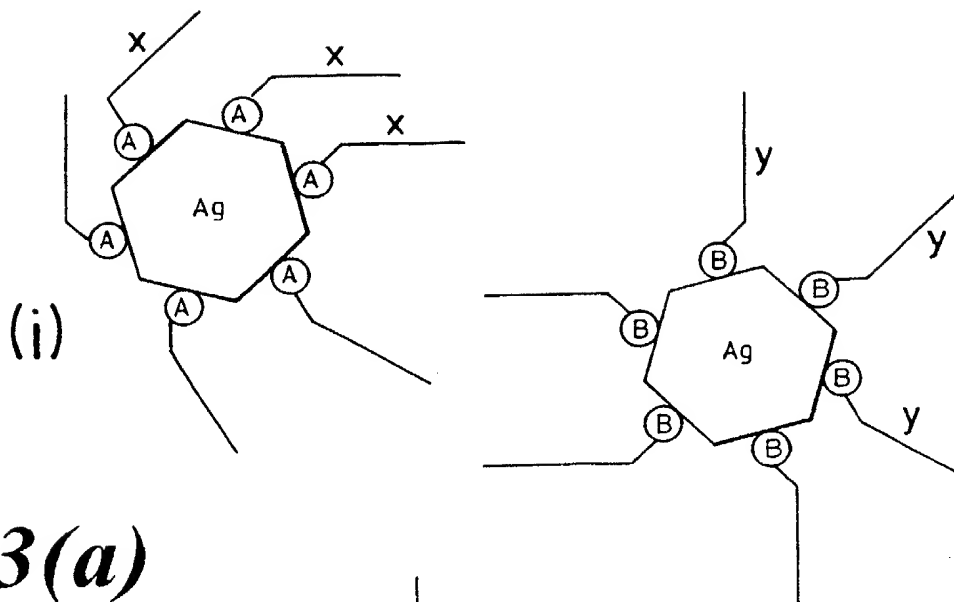
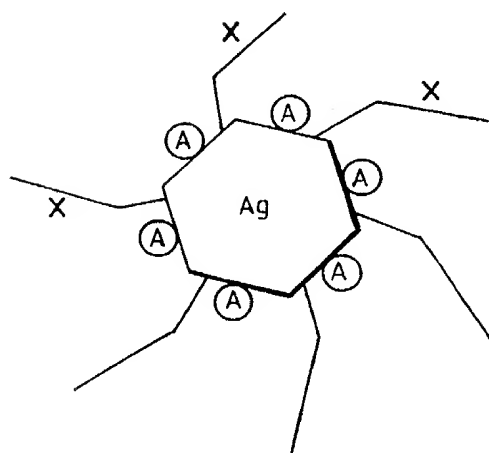
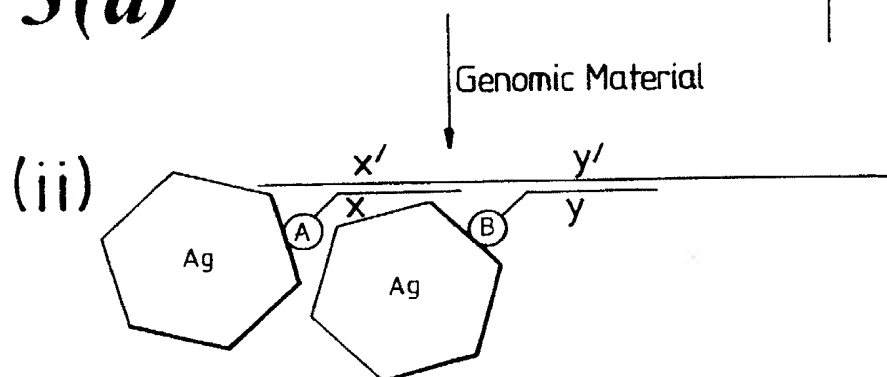
A13



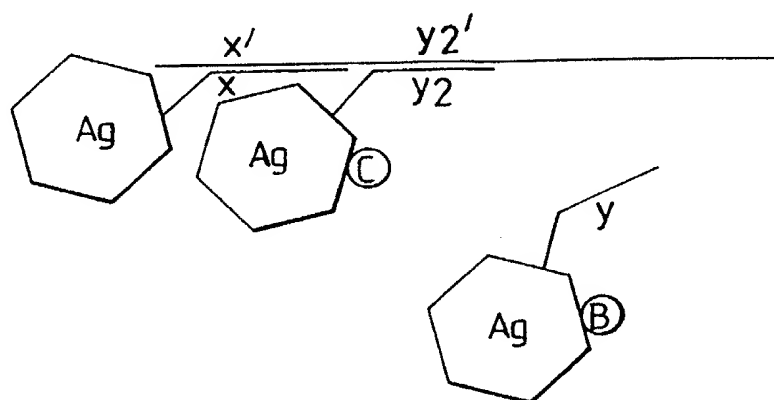
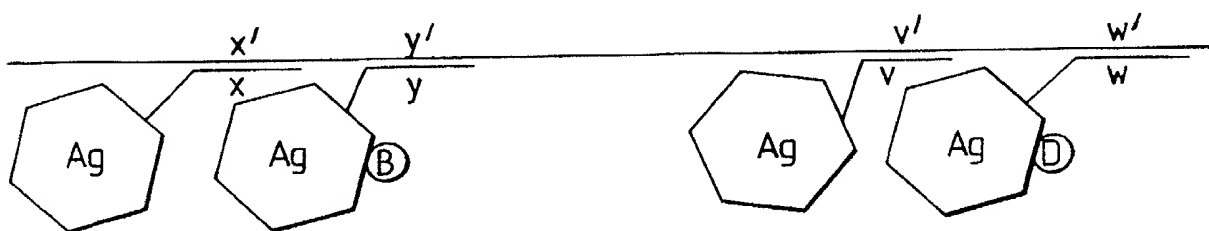
Where X=N or C

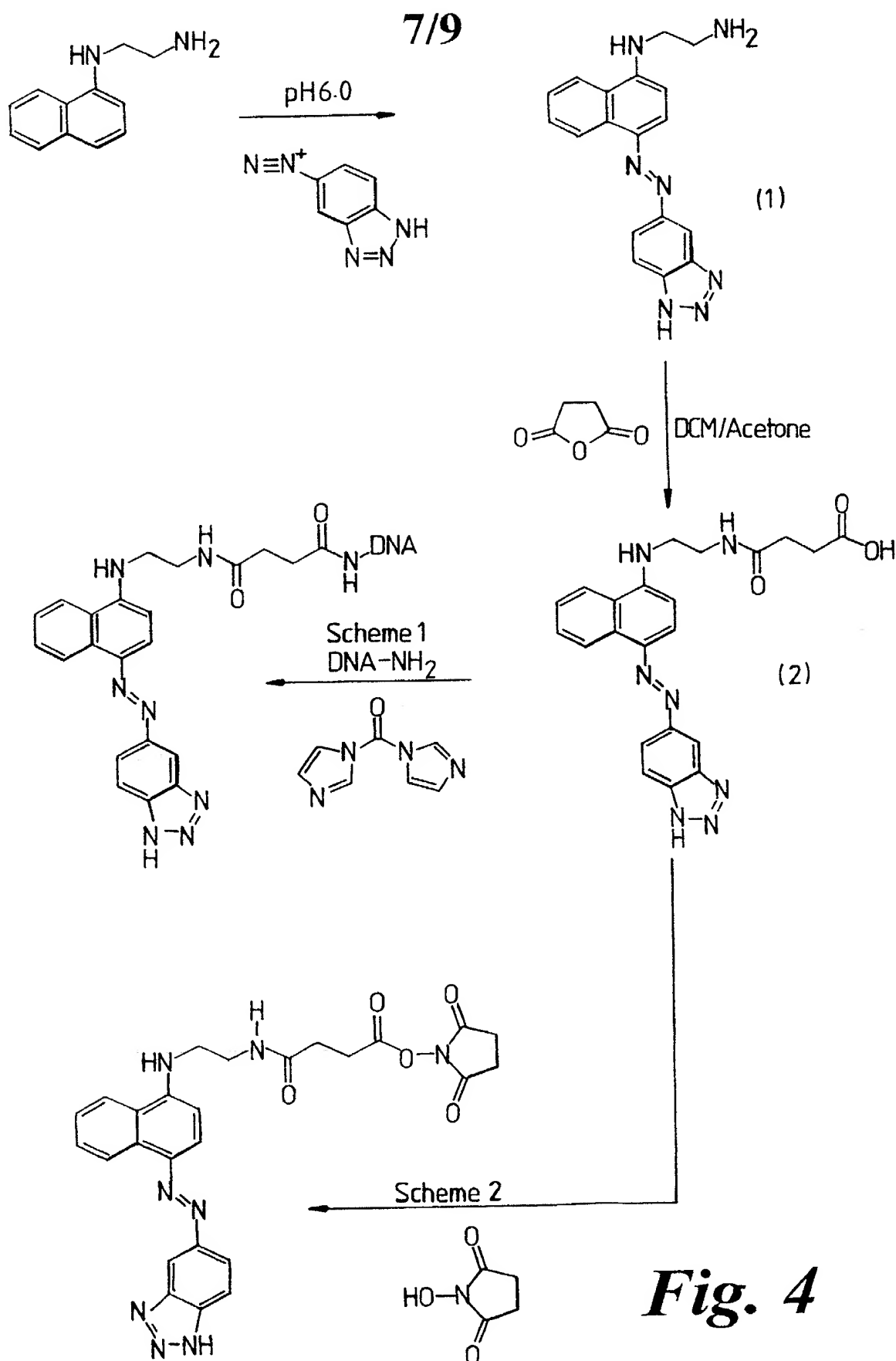
***Fig. 2 (continued)***

5/9

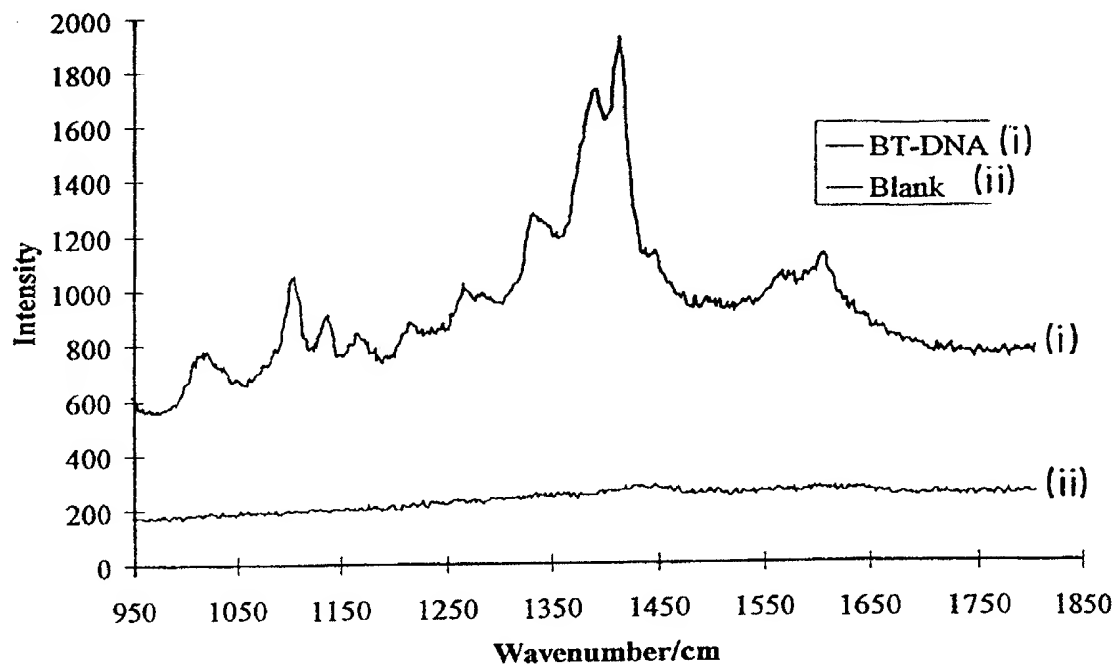
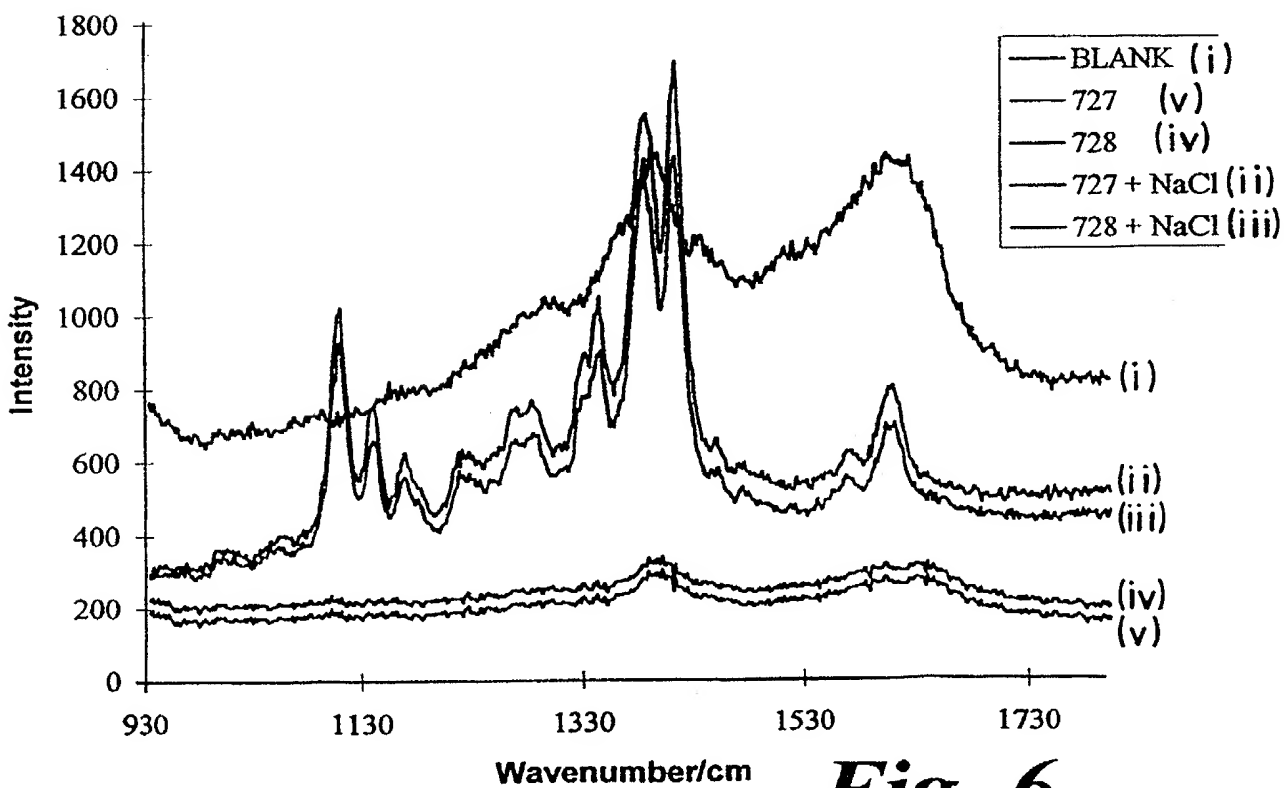
**Fig. 3(a)****Fig. 3(b)**

6/9

*Fig. 3(c)**Fig. 3(d)*

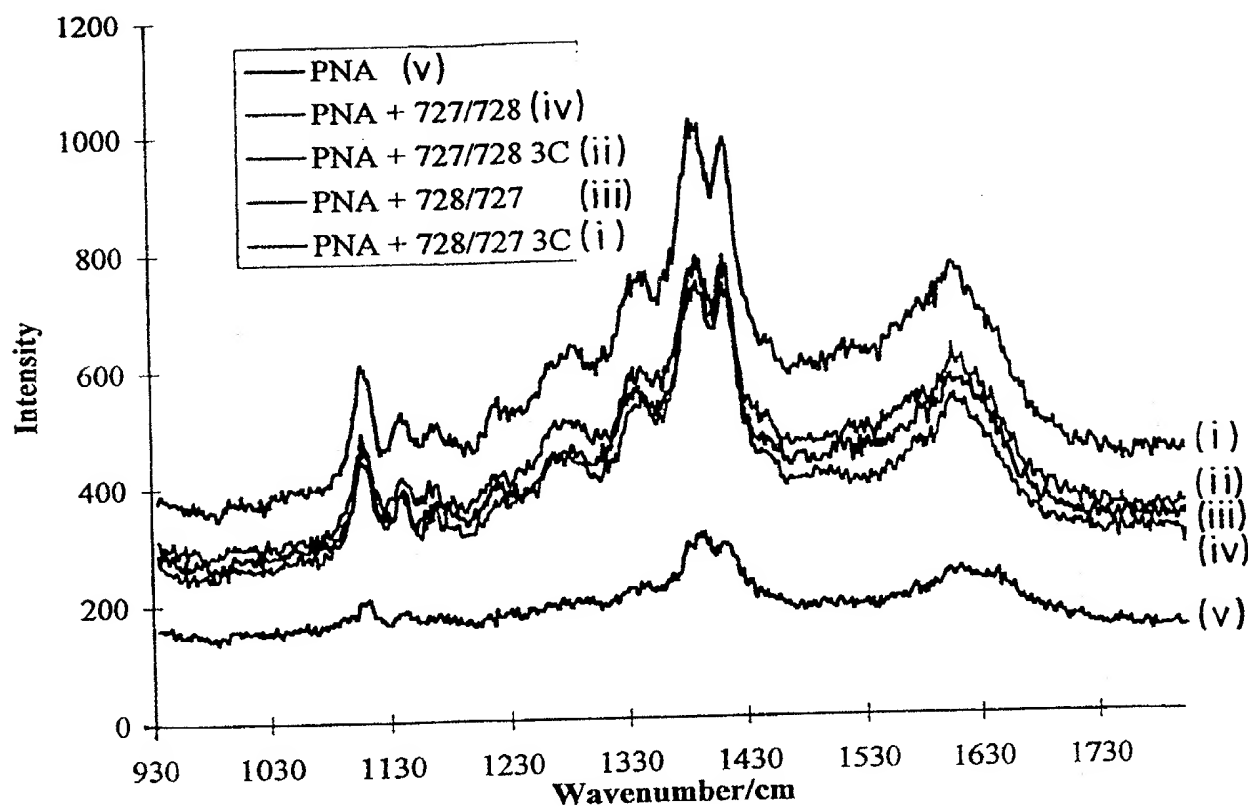
**Fig. 4**

8/9

*Fig. 5**Fig. 6*



9/9

**Fig. 7**